

PHOTOELECTRIC CONVERSION DEVICE AND  
METHOD OF PRODUCTION THEREOF

ok to  
enter  
substitute  
Specification  
FD  
4/15/04

This is a divisional application of Application  
5 No. 09/665,983, filed September 20, 2000.

BACKGROUND OF THE INVENTION

Field of the Invention

The prevent invention relates to a photoelectric  
10 conversion device and a method of producing the device,  
and more particularly, to a photoelectric conversion  
device comprising at least an electron acceptive charge  
transfer layer, an electron donative charge transfer  
layer, and a light absorption layer formed between  
15 these charge transfer layers and a method of producing  
the device.

Related Background Art

A solar cell utilizing a semiconductor junction of  
silicon, gallium arsenide or the like is generally  
20 known as a method of converting light energy into  
electric energy. A crystal silicon solar cell and a  
polycrystalline silicon solar cell utilizing a p-n  
junction of a semiconductor, and an amorphous silicon  
solar cell utilizing a p-i-n junction of a  
25 semiconductor have been developed for practical  
application. However, since the production cost of a  
silicon solar cell is relatively high and much energy